

| Application No.          | Applicant(s)     |  |  |  |  |  |  |  |
|--------------------------|------------------|--|--|--|--|--|--|--|
| 09/651,790               | BALUSWAMY ET AL. |  |  |  |  |  |  |  |
| Examin r                 | Art Unit         |  |  |  |  |  |  |  |
|                          |                  |  |  |  |  |  |  |  |
| Marcos D. Pizarro-Crespo | 2814             |  |  |  |  |  |  |  |

| ISSUE CLASSIFICATION                   |              |             |                  |                 |                  |                         |  |                    |          |              |                             |              |            |                         |       |            |            |       |            |  |
|--|--------------|-------------|------------------|-----------------|------------------|-------------------------|--|--------------------|----------|--------------|-----------------------------|--------------|------------|-------------------------|-------|------------|------------|-------|------------|--|
|  |              | ORIGIN      | AL               |                 |                  |                         |  | CROSS REFERENCE(S) |          |              |                             |              |            |                         |       |            |            |       |            |  |
| CLA                                    | ss           |             | SUBCL            | ASS             |                  | CLASS SUBCLA            |  |                    |          | JBCLAS       | SS (ONE SUBCLASS PER BLOCK) |              |            |                         |       |            |            |       |            |  |
| 43                                     | 438 975      |             |                  | 438             | 401              |                         | 46   | 2                  |          |              |                             |              |            |                         |       |            |            |       |            |  |
| INTERNATIONAL CLASSIFICATION           |              |             |                  |                 |                  |                         |  |                    |          |              |                             |              |            |                         |       |            |            |       |            |  |
| H 0 1 L 21/302                         |              |             |                  |                 |                  |                         |  |                    |          |              |                             |              |            |                         |       |            |            |       |            |  |
| 11                                     |              | 5           |                  |                 |                  |                         |  |                    |          |              |                             |              |            |                         |       |            |            |       |            |  |
|  |              |             | 1                |                 |                  |                         | <u>                                       </u>       |                    |          |              |                             |              |            |                         |       |            |            |       |            |  |
|  |              |             | 1                |                 |                  |                         |  |                    |          | 1            |                             |              |            |                         |       |            |            |       |            |  |
|  |              |             | 1                | 1               |                  |                         |  |                    | /        | /            |                             |              |            |                         |       |            |            |       |            |  |
|  |              |             | 1                | , ,             |                  |                         |  |                    | h        |              |                             |              |            |                         |       |            |            |       |            |  |
| :::::::::::::::::::::::::::::::::::::: |              | - n         | n:               |                 |                  |                         |  |                    |          |              |                             |              |            |                         |       |            |            |       |            |  |
| l                                      | viarc        |             | 24/20            | rro-Cr          | espc             | )                       | ////   |                    |          |              |                             |              |            | Total Claims Allowed: 6 |       |            |            |       |            |  |
|  | <b>(Δ</b> ςς | ∠/Oistant E | 0600000000000000 | 445000000000000 | ate)             |                         | Parson ///   |                    |          |              |                             |              |            |                         |       |            |            |       |            |  |
|  | (//35        | istain L    | <u> </u>         |                 | 4                | 1                       | LONG PHAM PHIMARY EXAMINER (Primary Examiner) (Pate) |                    |          |              |                             |              |            | O.G.                    |       |            |            | .G.   |            |  |
| M. Baunson 429/04                      |              |             |                  | 04-             | PRIMARY EXAMINER |                         |  |                    |          | <b>"</b>   " | /\ <b>'</b>                 |              |            | Print Claim(s)          |       |            | Print Fig. |       |            |  |
| (Legal Instruments Examiner) (Date)    |              |             |                  |                 |                  | PRIMARY EXAMINER (Date) |  |                    |          |              |                             |              | I          | 1 11                    |       |            |            |       |            |  |
|  |              |             |                  |                 |                  |                         |  |                    |          |              |                             |              |            |                         |       |            |            |       |            |  |
|  | laim         | s renu      | mbere            | d in th         | e san            | ne orde                 | er as presented by applicant                         |                    |          |              | ☐ CPA                       |              |            | ☐ T.D.                  |       |            | ☐ R.1.47   |       |            |  |
|  |              |             |                  |                 |                  |                         | · ·  |                    |          |              |                             |              |            |                         |       |            |            |       |            |  |
| Final                                  | Original     |             | Final            | Original        |                  | Final                   | Original   |                    | Final    | Original     |                             | Final        | Original   |                         | Final | Original   |            | Final | Original   |  |
| iΞ                                     | Ö            |             | 证                | Ori             |                  | ΙĒ                      | Ö  |                    | i II     | Ö            |                             | 证            | <u>6</u>   |                         | 证     | Ori        |            | 证     | Ori        |  |
|  | 1            | -           |                  | 31              |                  |                         | 61   |                    |          | 91           |                             |              | 121        |                         |       | 151        |            |       | 181        |  |
|  | 2            | -           | -                | 32              |                  |                         | 62   |                    |          | 92           |                             |              | 122        |                         |       | 152        |            |       | 182        |  |
|  | 3            | 1           |                  | 33              |                  |                         | 63   |                    |          | 93           |                             |              | 123        |                         |       | 153        |            |       | 183        |  |
|  | 4            |             |                  | 34              |                  |                         | 64   |                    |          | 94           |                             |              | 124        |                         |       | 154        |            |       | 184        |  |
|  | 5            |             |                  | 35              |                  |                         | 65   |                    |          | 95           |                             |              | 125        |                         |       | 155        |            |       | 185        |  |
|  | 6            | 4           |                  | 36              |                  |                         | 66   |                    |          | 96           |                             |              | 126        |                         |       | 156        |            |       | 186        |  |
|  | 7            | -           |                  | 37              |                  |                         | 67   |                    |          | 97           |                             |              | 127        |                         |       | 157        |            |       | 187        |  |
| -                                      | 8            | -           |                  | 38<br>39        |                  |                         | 68<br>69   |                    | ļ        | 98<br>99     |                             | <u> </u>     | 128<br>129 |                         |       | 158<br>159 |            | ·     | 188<br>189 |  |
|  | 10           | -           |                  | 40              |                  | -                       | 70   |                    |          | 100          |                             | <del>.</del> | 130        |                         |       | 160        |            |       | 190        |  |
|  | 11           | -           |                  | 41              |                  |                         | 71   |                    |          | 101          |                             |              | 131        |                         |       | 161        |            |       | 191        |  |
|  | 12           |             |                  | 42              |                  |                         | 72   |                    |          | 102          |                             |              | 132        |                         |       | 162        |            |       | 192        |  |
|  | 13           | ]           |                  | 43              |                  |                         | 73   |                    |          | 103          |                             |              | 133        |                         |       | 163        |            |       | 193        |  |
|  | 14           | 4           | <u> </u>         | 44              |                  | <u> </u>                | 74   |                    |          | 104          |                             | <u> </u>     | 134        |                         |       | 164        |            |       | 194        |  |
|  | 15           | 4           | <u> </u>         | 45              |                  | <b></b>                 | 75   | 1                  | <u> </u> | 105          |                             |              | 135        |                         |       | 165        |            |       | 195        |  |
| 3                                      | 16<br>17     | 4           | <u> </u>         | 46<br>47        |                  | <u> </u>                | 76<br>77   |                    |          | 106<br>107   |                             | <b></b>      | 136<br>137 |                         |       | 166<br>167 |            |       | 196<br>197 |  |
| 4                                      | 18           | -           | <del> </del>     | 48              |                  |                         | 78   |                    |          | 108          |                             | <b></b>      | 138        |                         |       | 168        |            |       | 198        |  |
| 5                                      | 19           | 1           |                  | 49              |                  | -                       | 79   |                    |          | 109          |                             | <u> </u>     | 139        |                         |       | 169        |            |       | 199        |  |
| 6                                      | 20           | ]           |                  | 50              |                  |                         | 80   | ]                  |          | 110          |                             |              | 140        |                         |       | 170        |            |       | 200        |  |
| 2                                      | 21           | ]           |                  | 51              |                  |                         | 81   | ]                  |          | 111          |                             |              | 141        |                         |       | 171        |            |       | 201        |  |
|  | 22           | 4           |                  | 52              |                  |                         | 82   |                    |          | 112          |                             |              | 142        |                         |       | 172        |            |       | 202        |  |
|  | 23           | 4           |                  | 53              |                  | <u> </u>                | 83   |                    |          | 113          |                             |              | 143        |                         |       | 173        |            |       | 203        |  |
| -                                      | 24           | -           | <u> </u>         | 54              |                  | <b> </b>                | 84<br>85   | 1                  | <u> </u> | 114<br>115   |                             |              | 144<br>145 |                         |       | 174<br>175 |            |       | 204        |  |
|  | 25<br>26     | -           | -                | 55<br>56        |                  |                         | 86   | ł                  |          | 116          |                             |              | 145        |                         |       | 175        |            |       | 205<br>206 |  |
| <del></del>                            | 27           | -           | $\vdash$         | 57              |                  | -                       | 87   | 1                  |          | 117          |                             |              | 147        |                         |       | 177        |            |       | 207        |  |
|  | 28           | 1           |                  | 58              |                  |                         | 88   | 1                  |          | 118          |                             |              | 148        |                         |       | 178        |            |       | 208        |  |
|  | 29           | 1           |                  | 59              |                  |                         | 89   | 1                  |          | 119          |                             |              | 149        |                         |       | 179        |            |       | 209        |  |
|  | 30           | 7:::::::::  |                  | 60              |                  |                         | an   | 1:::::::::         |          | 120          |                             |              | 150        |                         |       | 180        |            |       | 210        |  |